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Application No. 10/576,834  
Paper dated February 5, 2007  
Attorney Docket No. 0470-061191

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 10/576,834  
Applicants : Bernd STAHL et al.  
Filed : April 24, 2006  
Title : IMMUNEMODULATING OLIGOSACCHARIDES  
Group Art Unit : 1751  
Examiner : Not Yet Assigned  
Confirmation No. : 2278  
Customer No. : 28289

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants hereby submit this Information Disclosure Statement together with a completed Form PTO/SB/08a-b and a copy of the foreign patent documents and articles listed thereon. The cited U.S. patents are not enclosed pursuant to the waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for U.S. national patent applications filed after June 30, 2003.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 5, 2007.

Bruce L. White

(Name of Person Mailing Paper or Fee)

*Bruce L. White*

Signature

02/05/2007

Date


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This application is the United States national phase of PCT Application No. PCT/NL2004/000750. The references listed on Form PTO/SB/08a-b were identified in the International Search Report, dated May 25, 2005, for the underlying PCT Application or were cited in the specification of the application. A copy of the International Search Report is enclosed for the Examiner's convenience. The German reference DE 4223613 is relevant because it describes a process for the preparation of unsaturated uronides from pectin-like substances through anaerobic fermentation, using, e.g., pectate lyase. The preparation can be used for the medical treatment of heavy metal intoxication.

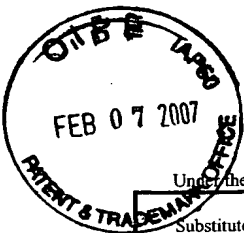
Pursuant to 37 C.F.R. § 1.97(b)(3), no fee is believed to be due for the submission of this Information Disclosure Statement, as it is being submitted before the mailing date of a first Office Action on the merits. Nevertheless, the Commissioner for Patents is hereby authorized to charge any fees which may be required to Deposit Account No. 23-0650. One (1) original and two (2) copies of this Information Disclosure Statement are enclosed.

Respectfully submitted,

THE WEBB LAW FIRM

By 

William H. Logsdon  
Registration No. 51,027  
Attorney for Applicants  
700 Koppers Building  
436 Seventh Avenue  
Pittsburgh, Pennsylvania 15219  
Telephone: 412-471-8815  
Facsimile: 412-471-4094  
E-mail: webblaw@webblaw.com



PTO/SB/08a (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/576,834
Filing Date	April 24, 2006
First Named Inventor	Bernd STAHL
Art Unit	1751
Examiner Name	Not Yet Assigned
Attorney Docket Number	0470-061191

Sheet 1 of 3

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US- 4,412,946	11/01/1983	ZALISZ et al.	
	2.	US- 6,573,245 B1	06/03/2003	MARCIANI	
	3.	US- 6,576,251 B1	06/10/2003	STAHL et al.	
	4.	US- 2003/0022863 A1	01/30/2003	STAHL et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	4.	DE 4223613 C2	01/20/1994	DORING et al.		
	5.	EP 0406685	01/09/1999	MAGERSTAEDT et al.		
	6.	FR 2781673	02/04/2000	JOSIANE et al.		
	7.	GB 1327740	08/22/1973	BILLIAU et al.		
	8.	JP 4300888	10/23/1992	TADAO et al.		
	9.	JP 58004724	01/11/1983	FUMIYASU et al.		
	10.	JP 62270532	11/24/1987	SHOZO et al.		
	11.	JP 6256208	09/13/1994	YASUKO et al.		
	12.	JP 09048732	02/18/1997	NOBORU et al.		
	13.	JP 8092303	04/09/1996	YASUKO et al.		
	14.	JP 09208474	08/12/1997	NOBORU et al.		

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				Application Number	10/576,834
				Filing Date	April 24, 2006
				First Named Inventor	Bernd STAHL
				Art Unit	
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Sheet	2	of	3	Attorney Docket Number	0470-061191

U.S. PATENT DOCUMENTS					
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FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	15.	KR 9711556B	07/12/1997	SANG-HONG et al.		
	16.	KR 2002094725	12/18/2002	YEONG SUK et al.		
	17.	WO 00/57727	10/05/2000	BIJLSMA et al.		
	18.	WO 01/33975 A1	05/17/2001	KILIAAN et al.		
	19.	WO 01/60378 A2	08/23/2001	KOSTER et al.		
	20.	WO 02/47703 A2	06/20/2002	GRAUS et al.		
	21.	WO 02/042484 A3	05/30/2002	SUDZUCKER et al.		
	22.	WO 2005/039597 A3	05/06/2005	VAN WESTENBRUGGE et al.		

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				Application Number	10/576,834
				Filing Date	April 24, 2006
				First Named Inventor	Bernd STAHL
				Art Unit	1751
				Examiner Name	Not Yet Assigned
Sheet	3	of	3	Attorney Docket Number	0470-061191

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	23.	DATABASE WPI, Section Ch, Week 198307, Derwent Publications Ltd., London, GB; Class A96, AN 1983-16545K, XP002277416, & JP 58 004724 A (Meiji Milk Prod Co LTD), 11 January 1983, Abstract	
	24.	DATABASE WPI, Section Ch, Week 200332, Derwent Publications Ltd., London, GB; Class B03, AN 2003-339110, XP002277417, & KR 2002094725 A (KT & G CO LTD), 82 December 2002, Abstract	
	25.	DATABASE WPI, Section Ch, Week 199249, Derwent Publications Ltd., London, GB; Class A96, AN 1992-403412, XP002277418, & JP 040300888A (Dainippon Ink & Chem KK), 23 October 1992, Abstract	
	26.	DATABASE WPI, Section Ch, Week 199441, Derwent Publications Ltd., London, GB; Class B04, AN 1994-329946, XP002277419, & JP 06 256208 A, (Food Design Gijutsu Kenkyu Kumiai), 9 April 1996, Abstract	
	27.	DATABASE WPI, Section Ch, Week 199624, Derwent Publications Ltd., London, GB; Class B04, AN 1996-236112, XP002277420, & JP 08 092303 A, (Showa Sangyo Co), 9 April 1996, Abstract	
	28.	DATABASE WPI, Derwent Publications Ltd., London, GB, XP002277425, KR19930028570, Yun Sang-Hong et al., Abstract	
	29.	DATABASE WPI, Derwent Publications Ltd., London, GB, XP009029650, 18, April 2001, Article	
	30.	DATABASE WPI, Derwent Publications Ltd., London, GB, XP00928863, 1991, Article	

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